



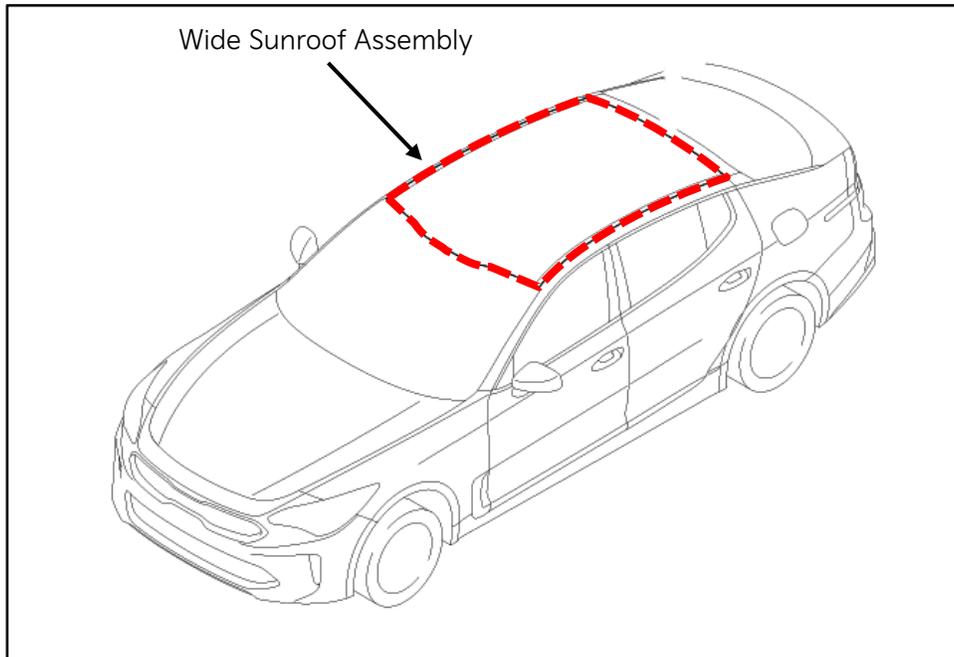
GROUP	MODEL
BOD	2018-2023MY Stinger (CK)
NUMBER	DATE
309	October 2022

TECHNICAL SERVICE BULLETIN

SUBJECT:

PARTIAL REPAIR FOR SUNROOF OPERATION

This bulletin provides information to replace the rear sled assembly in the sunroof (left and right side) on some 2018-2023MY Stinger (CK) vehicles produced from September 21, 2017 through January 28, 2022, which may exhibit separation of the rear sled assembly in the sunroof mechanism, resulting in an inoperative sunroof. Follow the procedure outlined in this publication to replace the mechanism winding guide and sled assembly kit in affected vehicles.



SUBJECT: PARTIAL REPAIR FOR SUNROOF OPERATION

Repair Procedure:

- Carefully remove the roof side molding (A) by referring to "Body (Interior and Exterior) → Body Side Molding → Roof Side Molding → Repair procedures" in the applicable Shop Manual on KGIS.
- Apply protective tape (B) on the body side outer panel.



Note: If clips and side molding are not damaged during removal, there is no need to replace them.



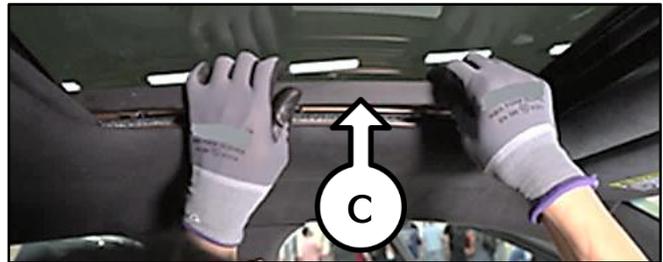
Click

For additional tips, information, click the icon or scan the QR code to watch **Partial Repair for Sunroof Operation** video (Steps 1-19).

Scan



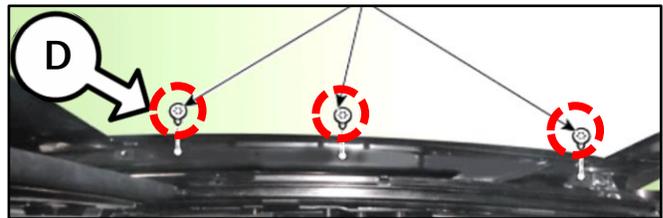
- From inside the vehicle, remove the sunroof mechanism covers (C) on both sides (LH & RH).



- Remove the six (6) inner sunroof retaining bolts (D). Three (3) per side (Left and Right).

TECH TIP

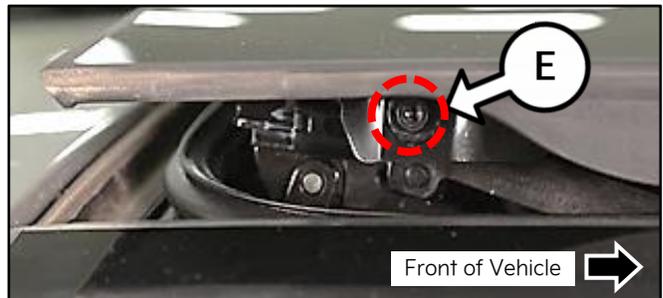
Operate the sunroof to access hard to reach bolts. If any bolts fall into the guide mechanism, they may be later retrieved once the sunroof glass is removed in a later step.



- Operate the sunroof to access one (1) of the outer, rear corners, sunroof retaining bolt (E) (Left or Right). Remove the bolt (E). Right rear side shown.

IMPORTANT

Start with the left side bolt (E) if it is accessible instead of the right side.



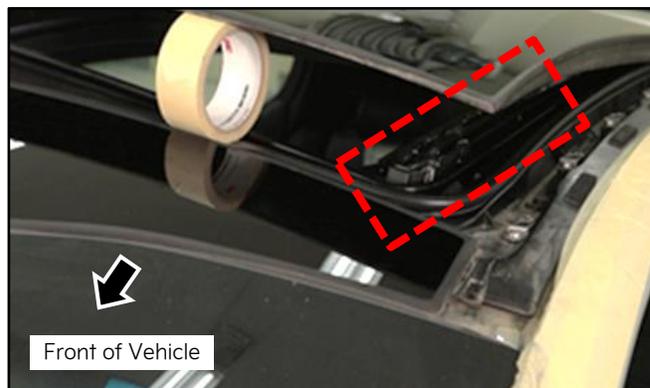
SUBJECT:

PARTIAL REPAIR FOR SUNROOF OPERATION

6. Carefully tilt the front of the glass about 6 inches as shown, until the broken side (LH or RH side) internal guide rail mechanism is accessible.

**TECH TIP**

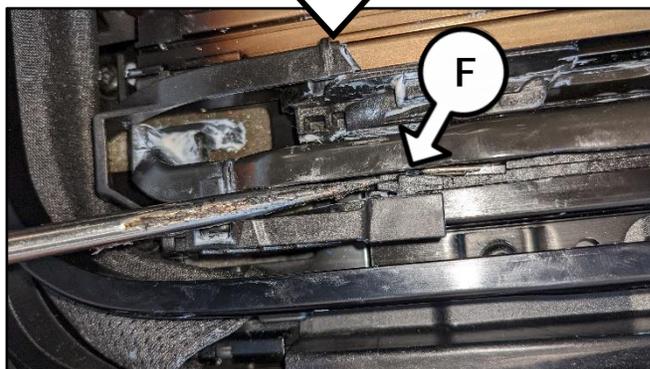
Insert an object (such as the tape roll used, wood block or a foam pad) to hold the sunroof open.



7. Locate the control slide (F) in the sunroof mechanism and push it back using a flathead screwdriver as shown, to connect the tilt operation.



Note: Have a second person assist to operate the sunroof switch from inside the vehicle.



8. Remove the other (Left or Right) outer rear corner sunroof retaining bolt (G). Left side shown.



9. Carefully remove the sunroof movable glass and place it on a flat protected surface or stand.

Note: Have a second person assist if needed.

 **TECH TIP**

Using a magnet tip tool, collect all of the bolts that fell into/near the sunroof mechanism during removal.



10. Secure the sunroof wind deflector down by adhering masking tape as shown.

11. Adhere masking tape along the edges as shown to prevent damage.

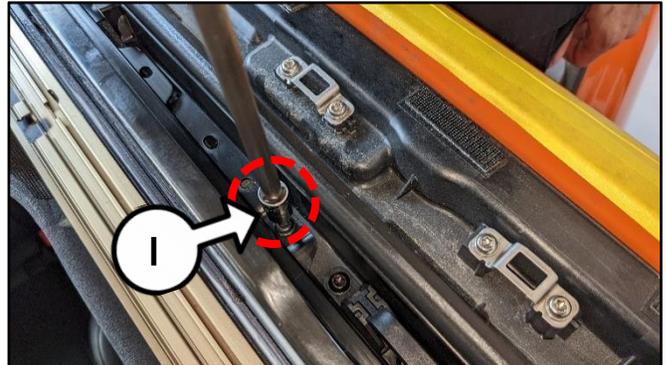


12. Remove the remaining sixteen (16) sunroof guide rail retaining bolts (I) from both left and right side of the sunroof mechanism, eight (8) on each side.

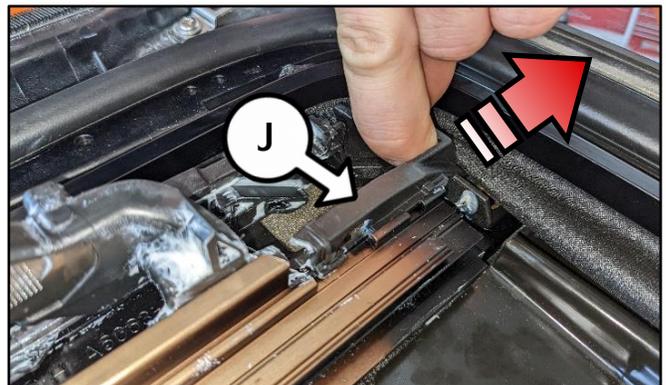
Note: New bolts are supplied with kit, discard the removed bolts.



Tightening torque for bolts (I):
3.70 - 4.43 lb.ft (5.0 - 6.0 N.m)



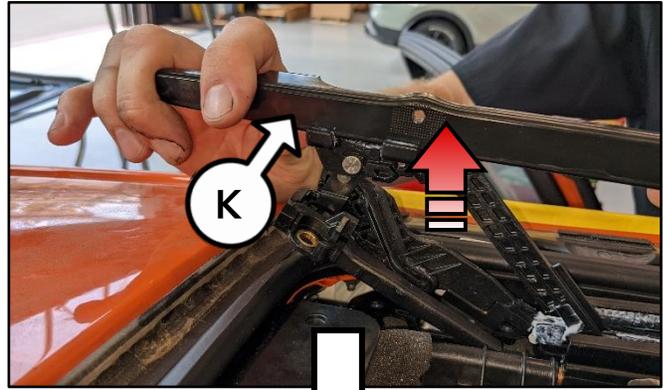
13. Pull the guide rail front locator (J) out towards the front to remove it.



SUBJECT:

PARTIAL REPAIR FOR SUNROOF OPERATION

- Pull up on the rear of the mechanism bracket (K) to raise it.



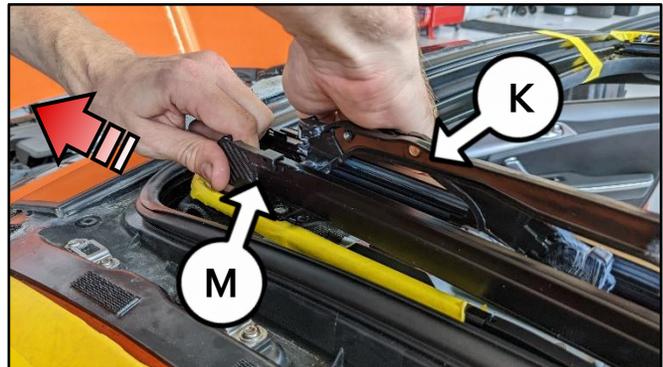
- Push out the slide shoe (L) in the direction shown to detach slide shoe.



- Pull up on the front of the mechanism bracket (K) and pull out the front control slide/locator (M) to remove it.

! CAUTION

Be careful not to damage the wind deflector when pulling up on the mechanism bracket (K).



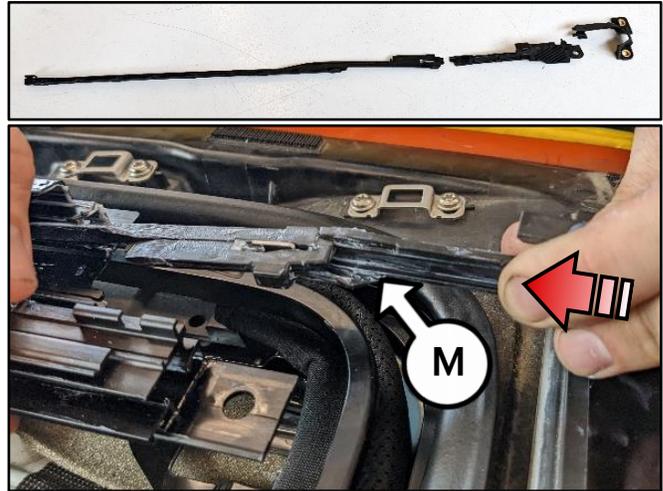
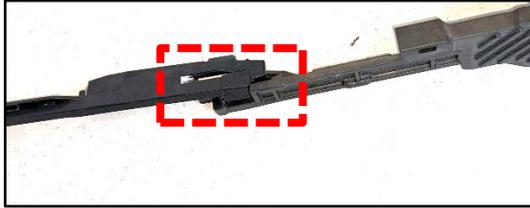
- Apply grease to the new front control slide/locator (M).



- 17. Insert the control slide assembly.

NOTICE

When connecting the new control slide and outer front locator, align the spring in the groove as shown.



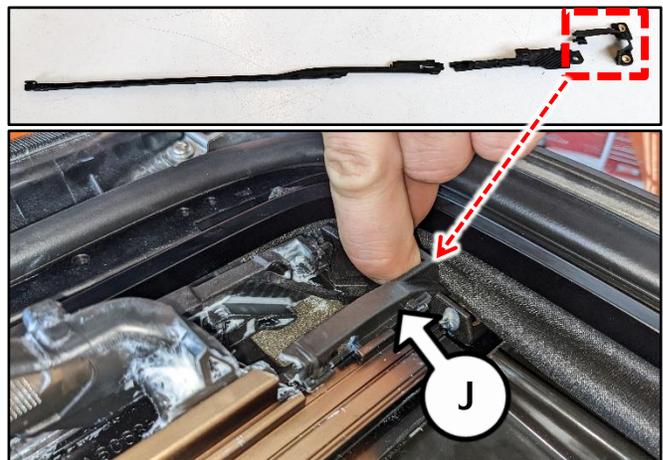
- 17. Reconnect the rear mechanism bracket (K) and slide shoe (L). Refer to step 15.



Note: Rear mechanism bracket and front slide shoe shown assembled.



- 18. Install the new guide rail front locator (J).



- 19. Repeat steps 13-18 for the opposite side.

SUBJECT:

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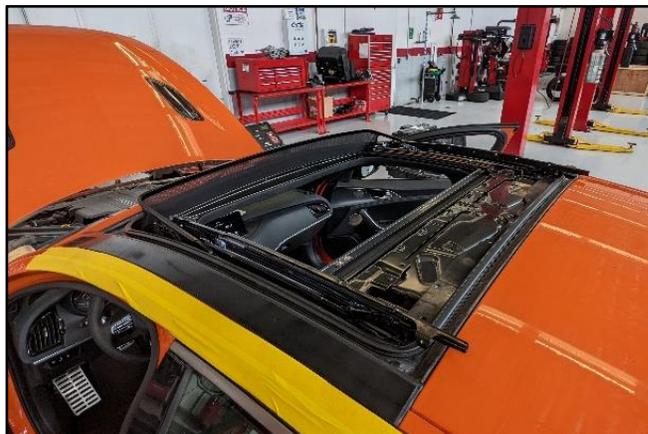
20. Reassemble all removed parts in the reverse order of removal.

 **IMPORTANT**

Install the new sixteen (16) guide rail bolts supplied in the kit.



Tightening torque for bolts:
3.70 - 4.43 lb.ft (5.0 - 6.0 N.m)


 **NOTICE**

Before re-installing the glass, verify that the mechanism parts operate normally by operating the sunroof switch.



21. Reset the sunroof motor by referring to “Body Electrical System → Wide Sunroof → Wide Sunroof Motor → Repair procedures → Adjustment/Inspection” in the applicable Shop Manual on KGIS.

 **NOTICE**

Be sure to gently clean sunroof glass and vehicle surface of any fingerprints or grease residue.

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PARTIAL REPAIR FOR SUNROOF OPERATION**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Stinger (CK)	September 21, 2017 to January 28, 2022

REQUIRED TOOL:

Tool Name	Figure	Comments
Lubricant 81685 3S000		One (1) container can cover over 100 vehicles
Acid Brush		Locally sourced

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
*Mechanism Winding Guide & Sled Assembly Kit	81650 J5000FFF		1

***Note:** Kit includes new sixteen (16) guide rail bolts.

WARRANTY INFORMATION:

N Code: I21 C Code: ZZ3

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	81650 J5000	0	Mechanism Winding Guide & Sled Assembly Kit Replacement	81650F01	1.5 M/H	81650 J5000FFF	1